WB5ac-90Ex Product Specifications Document

Description:

YUNCORE® WB5ac-90Ex It is a high-performance, high-speed outdoor long-range omnidirectional wireless bridge, featuring long transmission distance, strong penetration capability, and excellent anti-interference performance.

Features:

- Features an external 18dBi dual-polarized sector antenna with wide-angle coverage, supporting a maximum transmission distance of up to 5 km;

- TDMA intelligent dynamic polling protocol with ATPC (Automatic Transmit Power Control);

- Supports non-standard frequencies (4.9 – 6.1GHz) and narrowband operation (5/10MHz).;

Specifications	
5GHz Operating Frequency Band	5.150GHz ~ 5.850GHz
5GHz WIFI Transmission Protocol	802.11 a / n / ac
Antenna	External sector wide-angle antenna gain: 18dBi
Host Antenna Interface	2 x RP-SMA-J connectors (external thread, internal pin)
Wireless Speed	867Mbps
5GHz Wireless power	< 26±2dBm
Interface (WAN)	1/10/100/1000M Self-adaptive WAN Port，Supports PoE 24~48V power supply;
Interface（LAN）	1/10/100/1000M Self-adaptive LAN Port
Button	Reset Button（hold 6-10 seconds to restore factory defaults）
Status indicator	SYS LED、WAN Port LED、LAN Port LED、、Signal Strength LEDs ×5

Power supply	PoE 24V Passive and DC 12-24V；Customizable IEEE 802.3af-compliant 48V PoE version available
Max Power Consumption	< 10W
Product Dimensions、Weight	186×86×40mm、0.4kg（Weight)
Work Environment	Working:-30℃ to 55℃；Storage: -40℃ to 70℃；Humidity：5%～95%（Non-Condensing)
IP-rated protection	IP65

Software Features	
Dashboard	Device Information, Wireless Information, Network Information, Port Information
Wireless Mode	Access Point (Auto WDS), Access Point (TDMA3), Station (WDS/TDMA3), Station (ARPNAT)
Wireless Technology	Intelligent Dynamic Polling, Auto Channel Selection, Auto Modulation Selection, Automatic Transmit Power Control (ATPC), Backup SSID
Wireless Security	WPA/WPA2 Personal Encryption, WPA/WPA2 Enterprise Encryption, WACL (Wireless Access Control List), Client Isolation
Wireless QoS	TDMA-based 4-level Priority Queuing, Bandwidth Limiting
Network Mode	IPv4 IPv6 Bridge, Router
Network Technology	VLAN Support, VLAN Transparent Transmission, STP (Spanning Tree Protocol)
WAN Protocol	Static IP, DHCP Client
Services	DHCP Server, SNMP Service, NTP Client, Ping Watchdog, System Alerts, mDNS, CDP/LLDP (Cisco Discovery Protocol/Link Layer Discovery Protocol), SSDP (Simple Service Discovery Protocol), GRE Tunnel, PPPoE Intermediate Agent
Management	HTTP GUI, SSH, SNMP read, WNMS, TelGet，Cloud Platform, Remote Logging
Tools	Site Survey, Connection Test, Antenna Alignment, Traceroute
Device Management	Basic Device Information Settings, System Configuration, User Management, LED Settings

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